

Ir (M)

YBCO

Substrate

FIG. 1

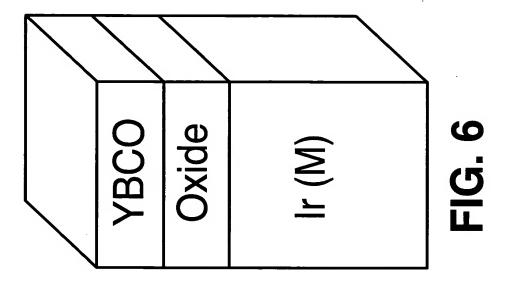
Substrate

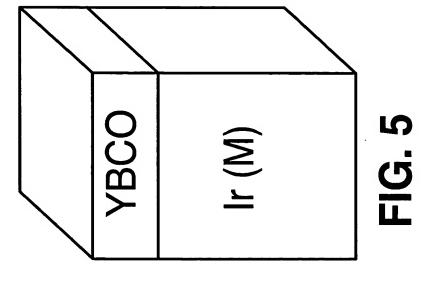
|      |                  |     |       |        |           | \ |
|------|------------------|-----|-------|--------|-----------|---|
| YBCO | CeO <sub>2</sub> | YSZ | Oxide | Ir (M) | Substrate |   |

CeO<sub>2</sub> Oxide Ir (M)

YBCO

**FIG. 4** 





 $CeO_2$ 

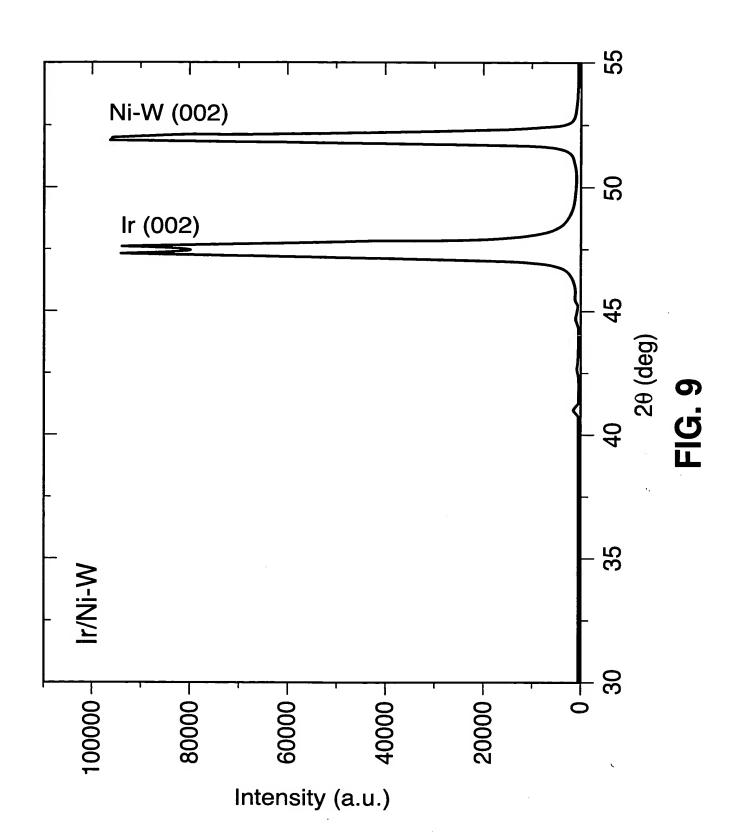
YBCO

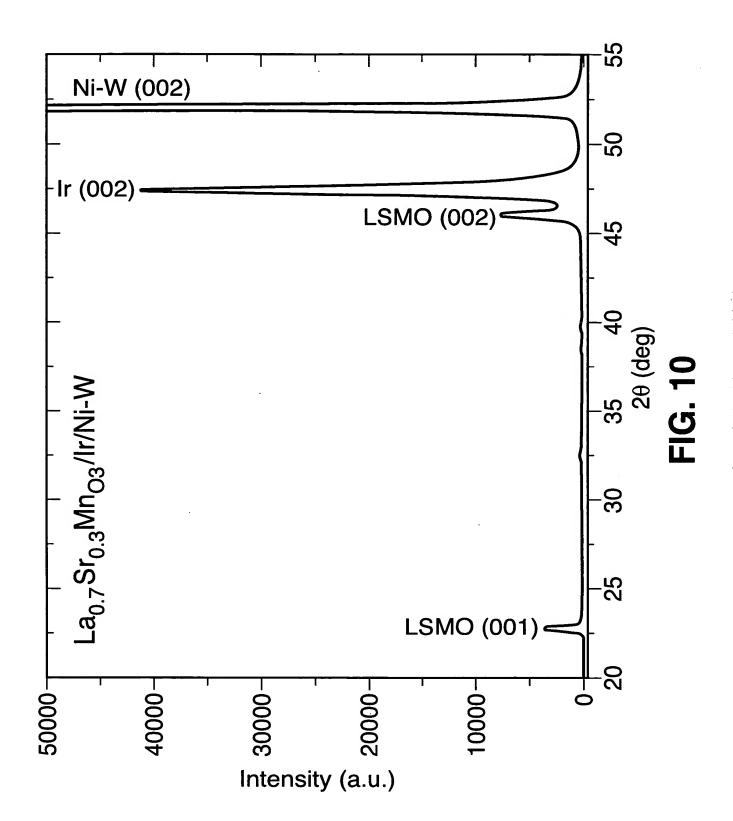
Oxide

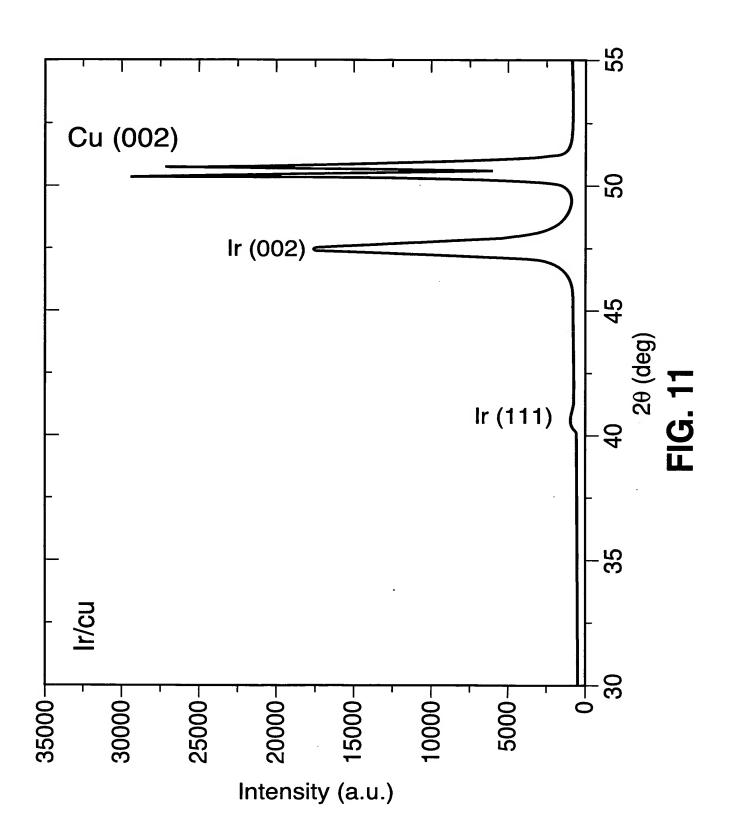
Ir (M)

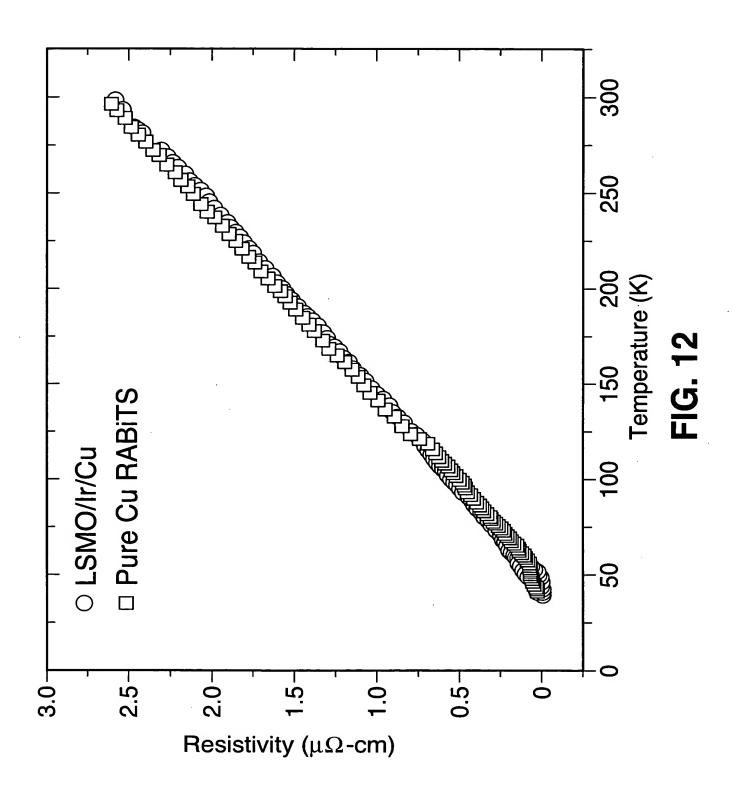
FIG. 8

FIG. 7









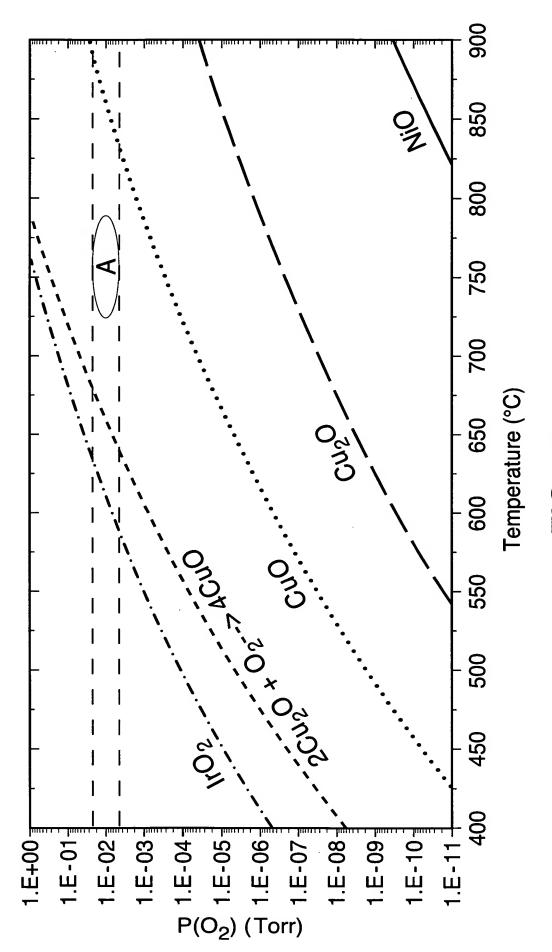
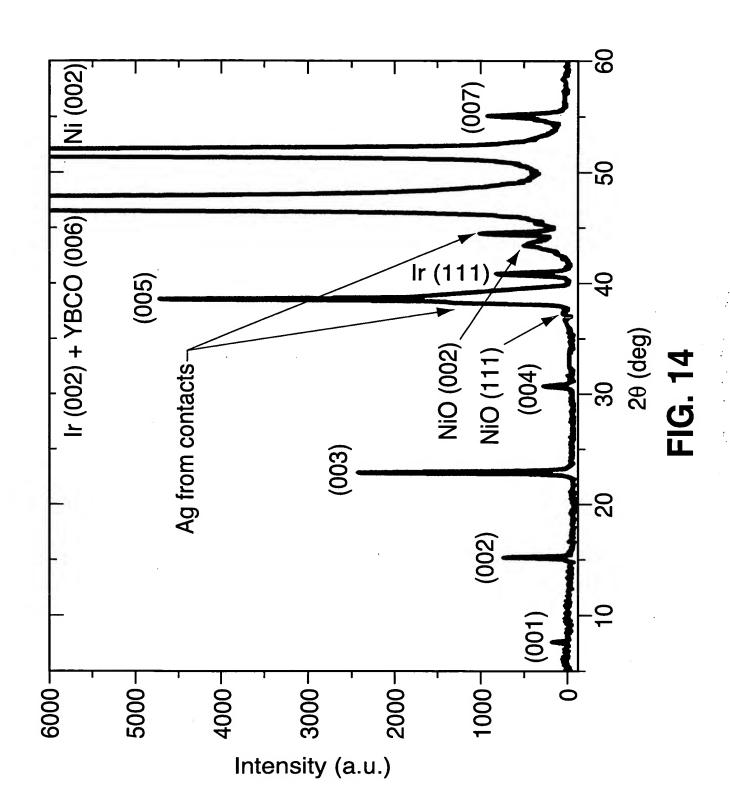
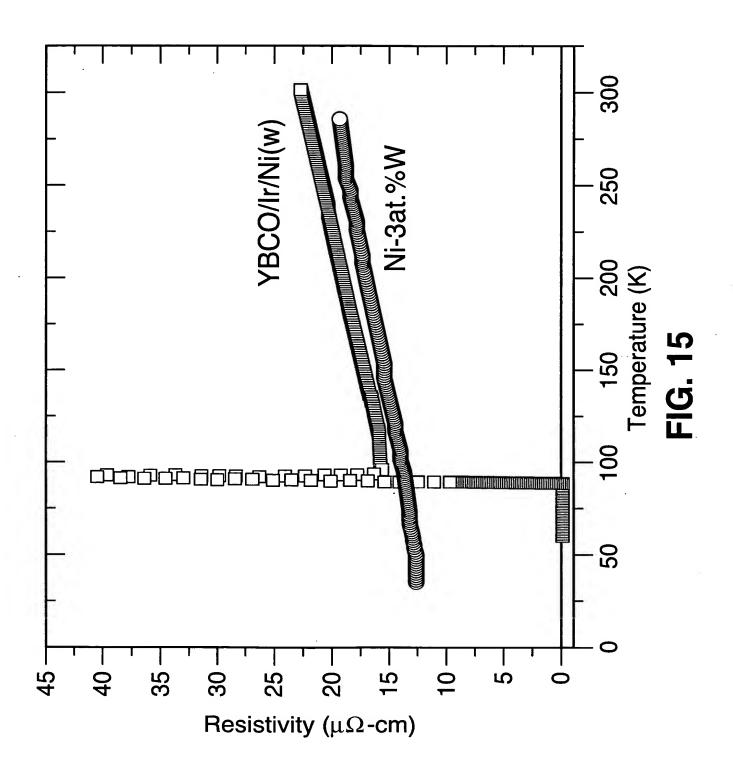
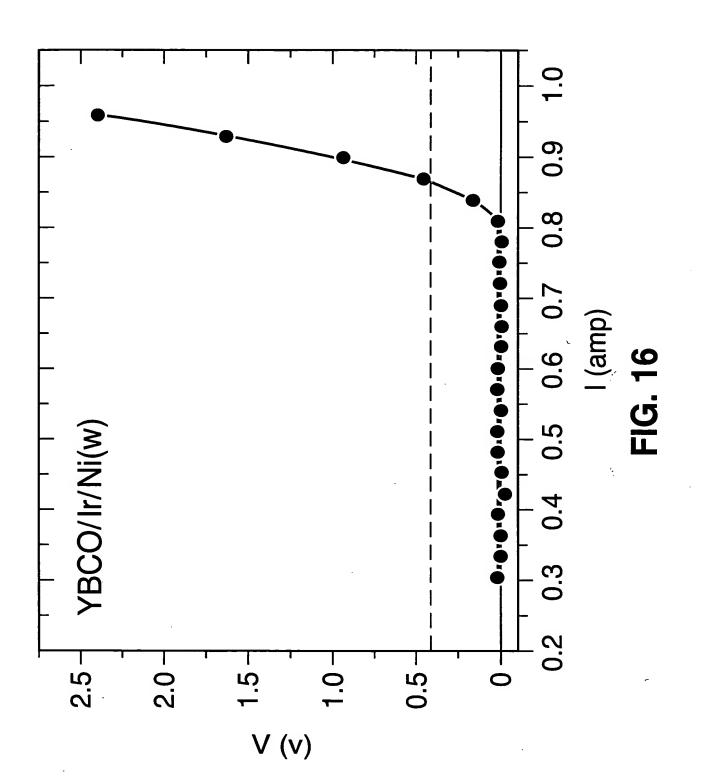
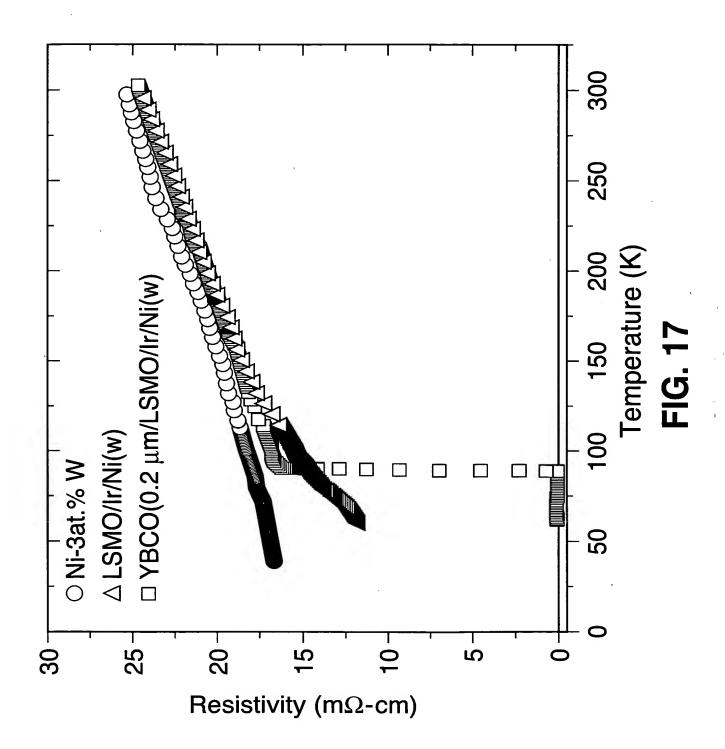


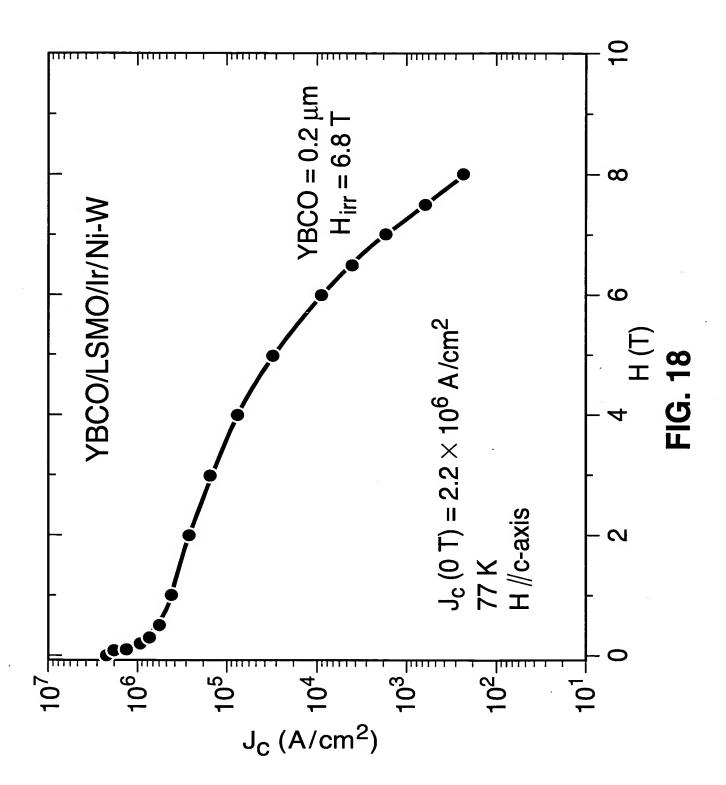
FIG. 13

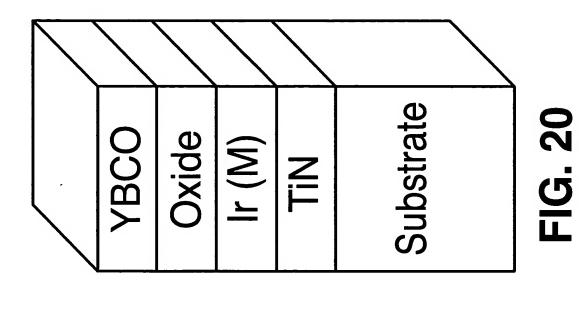












YBCO Ir (M) TiN

FIG. 19

Substrate

FIG. 21

Substrate

Ir (M)

Z

Oxide

 $CeO_2$ 

YBCO

FIG. 22